



## **Absorbent spun-laced fabric**

**Description of Technology:** This invention relates to moisture-absorbent spunlaced fabrics and especially to spunlaced fabrics for use in materials and apparel in contact with the body to absorb perspiration and other body fluids and collect or disperse the same away from the body for the comfort or hygiene of wearers.

### **Patent Listing:**

1. **US Patent No. 5,433,987**, Issued July 18, 1995, "Absorbent spun-laced fabric"  
<http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnetacgi%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F5433987>

**Market Potential:** As a human perspires, the perspiration preferably evaporates to cool the skin by evaporative cooling. However, as is well known, many materials that come in contact with the body prevent moisture from freely accessing the atmosphere and evaporating. To many people, the attribute of conveying moisture away from the skin is referred to when describing whether or not a fabric "breaths". Clearly, this is a well known attribute and one in which much effort has been placed to acquire.

### **Benefits:**

- **Makes fabric material reusable**

### **Applications:**

- **Protect fabric materials from damage by water and aqueous soiling**

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